ABSTRACT OF THE INVENTION

A method and system is disclosed for perfecting the images generated by a KVM switch. Video signals generated by a host computer are transmitted to a client computer in order to allow the user of a client computer to have a virtual presence on the host computer. However, the signals transmitted by the host computer may contain errors that would impair the client user's ability to remotely control the host computer. Therefore this virtual presence architecture uses phase locked loops to compare screen data that is being sent to the client and removes errors so that the user data is properly transmitted and displayed.